

DRAWING: no amendment.

CLAIMS: Amendments to the claims are made in order to overcome claims rejection under title 35 §112 and §103.

Amendment to the claim listing with marks begins on page 9.

Clean text of the claim listing begins on page 14.

REMARKS: Remarks begin on page 18 of this response to action

An annex describing two sets of measures of the variable half life of the “entangled samples” is provided in order to support the enablement of the specification.

The annex begins on page 25.

It comprises two parts: Part 1: Co60 irradiation and Part 2: CLINAC Irradiation.

As dependant claim 7 is now withdrawn (and claim 18 was previously withdrawn) and 6 dependant claims have been added as separate sub-cases in the process of simplifying claim 1 or amending indefinite claim 10, there are 22 standing claims and we intend to pay the 2 extra claims fee over the 20 claims limit. Should we fail to properly pay for the claims while submitting this answer, we renew our authorization for automatic payment of the required additional fees from the original account used for the application.

Sincerely

[Signed electronically]

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